

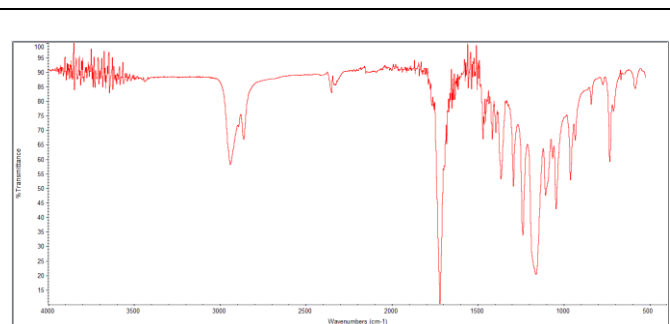
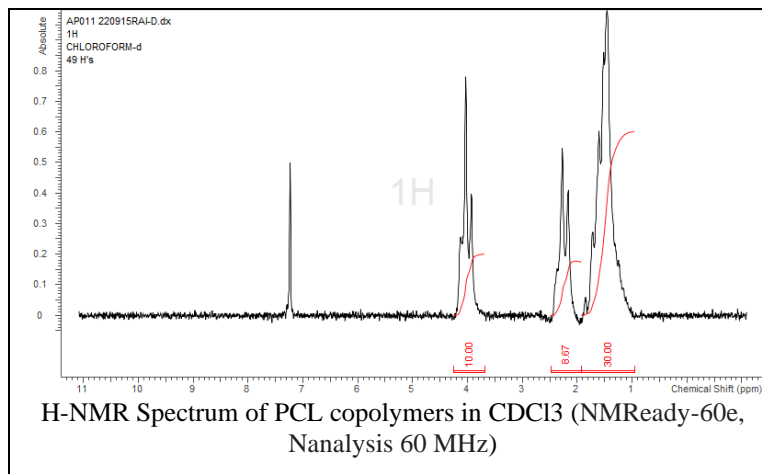
No. AP011

Certificate of Analysis

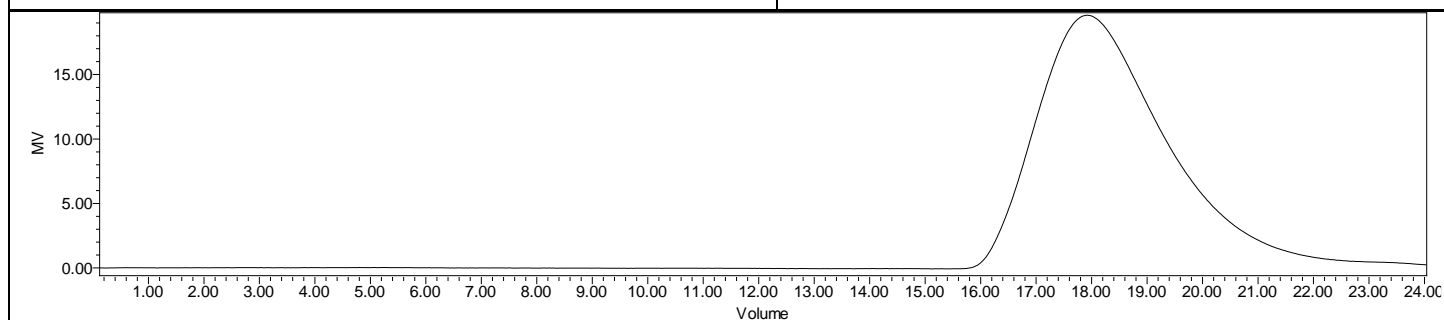


Product Name: Poly(caprolactone) copolymers free-acid endcap

(Mn: 65,000 – 75,000 Da) (Lot#: 220915RAI-D)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PCL	67,414	104,254	1.55

• Structure of PCL copolymers

